

Non-Woven Abrasives Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

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Abstracts

The Global Non-Woven Abrasives Market, valued at USD 2 billion in 2024, is anticipated to grow at a CAGR of 5.6% from 2025 to 2034. These abrasives are made from synthetic fibers embedded with abrasive grains, making them a versatile solution for polishing, cleaning, and surface finishing in various industries. The market's growth is fueled by rising demand across sectors such as metal fabrication, precision manufacturing, and automated production.

Significant progress in abrasive grain technology and the shift toward eco-friendly products are driving the adoption of non-woven abrasives. Additionally, expanding industrial activities in developing economies are creating new opportunities for market growth. The global trend toward efficiency and sustainability is further enhancing the adoption of these materials across diverse applications.

The discs segment led the market with a valuation of USD 919.5 million in 2024 and is expected to grow at a CAGR of over 5.4% during the forecast period. This segment's popularity stems from its ability to deliver exceptional performance in surface preparation and finishing. Discs are versatile, compatible with various tools, and capable of handling complex geometries, making them indispensable for industries that prioritize precision and efficiency. As automation becomes more prevalent in manufacturing, the demand for these high-performance products is projected to rise significantly.

In 2024, the construction segment captured 31.4% of the overall market share. Non-woven abrasives play a crucial role in construction activities, including surface preparation, polishing, and finishing tasks. The growing emphasis on durable, high-

quality finishes in both residential and commercial projects has spurred demand in this sector. Innovations in product durability and efficiency are further cementing the role of non-woven abrasives in modern construction practices.

China emerged as a dominant player in the global market, with a size of USD 362.6 million in 2024 and a projected CAGR of 5.8% from 2025 to 2034. The country's strong manufacturing base and expanding construction industry are key factors contributing to its market leadership. Efforts to modernize production processes and incorporate sustainable solutions are driving the adoption of advanced abrasive materials. As a global manufacturing hub, China continues to provide significant export opportunities, solidifying its position in the market.

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